

CLAIMS

1. A slurpie hose connection for use with a fuel dispensing nozzle, said connection comprising two parts, said parts comprising a nozzle segment and a hose connecting segment, said nozzle segment comprising a cylindrical portion, said cylindrical portion having an opening extending therethrough, a support provided upon the cylindrical portion for use for supporting said portion within the nozzle handle, a retainer fastening said support within a nozzle handle, said support having a vapor passage provided therethrough;

said hose connecting segment having a second cylindrical portion, said cylindrical portion having an opening provided therethrough and through which the fuel flows to the nozzle, a second support holding the second cylindrical portion within the hose connecting segment, said second support and said second cylindrical portion having a full slurpie passage provided therethrough, such that when the nozzle segment and the hose connecting segments are connected, the slurpie passages communicate to provide for removal of residue fuel from the low point of the vapor passage of the fuel dispensing hose, a part of said second cylindrical portion disposed for fluidic sealing within a part of the first cylindrical portion, to allow for passage of the fuel therethrough and through a nozzle, and said first and second supports having openings therethrough to allow for return of the vapors therethrough for passage to storage.

2. The slurpie hose connection of claim 1 wherein a part of the second cylindrical portion inserts within a part of the first cylindrical portion, and a series of fluidic seals provided for sealing said portions together.

3. The slurpie hose connection of claim 2 wherein said seals comprise at least one O ring.

4. The slurpie hose connection of claim 2 wherein the slurpie passage within the second cylindrical portion opens at an end, and a seal provided therein, the slurpie passage provided within the second support having an opening upon an outer edge, and a seal provided therein, the slurpie passage provided within the first cylindrical portion has an opening at one end, with a seal provided therein.

5. The slurpie hose connection of claim 2 and further including a sleeve mounting upon the second support member, said sleeve at its back end having an extension thereat for securement of the coaxial hose thereon, a nozzle nut rotatably mounted onto the surface of said sleeve, whereby upon insertion of the hose connecting segment within the nozzle segment of the slurpie hose connection, the nozzle nut may be rotated within the end of the nozzle and threadedly engage therein.

6. The slurpie hose connection of claim 3 wherein the second cylindrical portion at its back end has a fitting provided thereon and onto which the fuel dispensing hose of the coaxial hose secures thereon.

7. The slurpie hose connection of claim 1 wherein a tube fitting connecting with the first support, said tube fitting having a passage therethrough, and provided for communicating with the slurpie passage provided within said first support.

8. The slurpie hose connection of claim 7 wherein a second tube fitting connecting with the second support, said second tube fitting having a passage provided therethrough and communicating with the second slurpie passage provided within said second support.

9. The slurpie hose fitting of claim 8 wherein slurpie tubes connect onto said first and second tube fittings, to provide for removal of condensed fuel from the low point of the vapor return portion of the fuel dispensing coaxial hose.

10. The slurpie hose connection of claim 1 wherein said first and second supports comprise spider supports.